

**REMARKS/ARGUMENTS**

Claims 30-53 are pending in this application. By this Amendment, claims 1-29 are canceled without prejudice or disclaimer and claims 30-53 are added. Support for new claims 30-53 can be found in paragraphs 27-59 of the specification including the original claims and the figures, see for example, paragraphs 58, 31 and 40. Reconsideration in view of the above amendments and the following remarks is respectfully requested.

A. The Office Action rejects claims 1-10, 12-19, 21, 23-27 and 29 under 35 U.S.C. §102(b) over U.S. Patent No. 6,278,446 to Liou et al. (hereafter "Liou"). This rejection is moot because the indicated claims have been canceled, but is respectfully traversed to the extent that it may be applicable to new claims 30-53.

With respect to new claim 30, Applicants respectfully submit that Liou fails to disclose every claimed feature, as required under §102. For example, Liou fails to disclose at least features of an apparatus for generating segment group information including a group type information representing highlights from a program that share a plurality of common objects; and a duration information of said segment group, wherein said duration information is total running time of said segment group and combinations thereof as recited in claim 30. Applicants further respectfully submit that Liou does not teach or suggest any modification to its disclosure that would result in at least features of a group type information representing highlights from a program that share a plurality of common objects; and a duration information of said segment

group, wherein said duration information is total running time of said segment group and combinations thereof as recited in claim 30.

Claims 11, 20, 22 and 28 are rejected under 35 U.S.C. §103(a) over Liou and U.S. Patent No. 6,629,097 to Keith. This rejection is moot because the indicated claims have been canceled, but is respectfully traversed to the extent that it may be applicable to new claims 30-53.

As described above, claim 30 defines patentable subject matter over Liou. Applicants respectfully submit that Keith does not teach or suggest at least features of a group type information representing highlights from a program that share a plurality of common objects; and a duration information of said segment group, wherein said duration information is total running time of said segment group and combinations thereof as recited in claim 30. Thus, Applicants respectfully submit that Liou and Keith, individually or in combination, do not teach or suggest at least features of a group type information representing highlights from a program that share a plurality of common objects; and a duration information of said segment group, wherein said duration information is total running time of said segment group and combinations thereof as recited in claim 30.

For at least the reasons set forth above, Applicant respectfully submits that claim 30 defines patentable subject matter. Independent claims 34, 38, 42, 46 and 50 define patentable subject matter for at least reasons similar to claim 30. Claims 31-33, 35-37, 39-41, 43-45, 47-49 and 51-53 respectively depend from claims 30, 34, 38, 42, 46 and 50, respectively, and therefore

also define patentable subject matter for at least that reason as well as their additionally recited features. Claims 1-29 are canceled without prejudice or disclaimer. Withdrawal of the rejection of claims 1-10, 12-19, 21, 23-27 and 29 under §102 and claims 11, 20, 22 and 28 under §103 is respectfully requested.

B. Claims 30-53 are newly added by this Amendment and believed to be in condition for allowance.

### **CONCLUSION**

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **Carl R. Wesolowski**, at the telephone number listed below.

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Reply to Office Action of November 3, 2004

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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